



PTO/SB/21 (08-03)

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**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/634,742	
	Filing Date	August 4, 2003
	First Named Inventor	Spaid
	Art Unit	
	Examiner Name	
Attorney Docket Number	100/15901	
Total Number of Pages in This Submission		

**ENCLOSURES (Check all that apply)**

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	PTO Form 1449 (2 pages), 3 references, Return Receipt Postcard
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<b>Remarks</b>	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application	Please charge Deposit Account No. 03-0177 for any additional fees associated with this paper or during pendency of this application	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual name	Donald R. McKenna, Reg. No. 44,922
Signature	
Date	2/27/04

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Kathy Kelsey		
Signature		Date	2/27/04

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Signed: Kathryn Kelsey

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Appln. No. : 10/634,742 Confirmation No.: 6619  
Applicant : Michael Spaid et al.  
Filed : August 4, 2003  
TC/A.U. :  
Examiner :  
  
Docket No. : 100/15901  
Customer No. : 021569  
Title : METHODS AND SYSTEMS FOR MONITORING MOLECULAR INTERACTIONS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

The references cited on the attached form PTO-1449 are being called to the attention of the Examiner. Pursuant to 1276 OG 55 dated August 5, 2003, Applicants are not providing copies of US patents and/or publications as this application was filed after June 30, 2003. A copy of any non-US patent or publication reference is enclosed.

It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is made that a search has been conducted or that this statement encompasses all possible relevant information.

Appl. No. 10/634,742  
Michael Spaid et al.

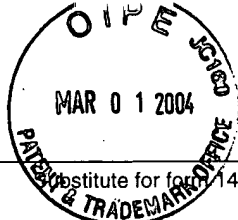
Applicants believe that no fee is required for submission of this statement, since it is being submitted within three months of the filing date or prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to charge such fee to Deposit Account No. 03-0177. Please charge any additional fees or credit any overpayment to the above-noted deposit account.

Respectfully submitted,



Donald R. McKenna  
Reg. No. 44,922

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Institute for 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>			<b>Complete if Known</b>	
			Application Number	<b>10/634,742</b>
			Filing Date	<b>August 4, 2003</b>
			First Named Inventor	<b>Spaid</b>
			Art Unit	
			Examiner Name	
Sheet		of	Attorney Docket Number	<b>100/15901</b>

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code (if known)			
	AA	US-5,880,071	03-09-1999	Parce et al.	
	AB	US-5,942,443	08-24-1999	Parce et al.	
	AC	US-5,976,336	11-02-1999	Dubrow et al.	
	AD	US-6,004,443	12-21-1999	Rhodes et al.	
	AE	US-6,046,056	04-04-2000	Parce et al.	
	AF	US-6,149,787	11-21-2000	Chow et al.	
	AG	US-6,150,119	11-21-2000	Kopf-Sill et al.	
	AH	US-6,447,661	09-10-2002	Chow et al.	
	AI	US-6,500,323	12-31-2002	Chow et al.	
	AJ	US-6,511,853	01-28-2003	Kopf-Sill et al.	
	AK	US-6,592,821	07-15-2003	Wada et al.	
	AL	US-6,613,580	09-02-2003	Chow et al.	
	AM	US-6,669,831	12-30-2003	Chow et al.	
	AN	US-2001/0052460	12-20-2001	Chien et al.	
	AO	US-2002/0001856	01-03-2002	Chow et al.	
	AP	US-2002/0037520	03-28-2002	Nikiforov et al.	
	AQ	US-2002/0046948	04-25-2002	Chow et al.	
	AR	US-2002/0197630	12-26-2002	Knapp et al.	
	AS	US-2003/0104411	06-05-2003	Fodor et al.	
	AT	US-2003/0157503	08-21-2003	McGarry et al.	
	AU	US-2003/0230486	12-18-2003	Chien et al.	
	AV	US-09/993,384	na	Stern et al.	
	AW	US-10/206,787	na	Chow et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number - Kind Code (if known)				
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Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	<b>10/634,742</b>
		Filing Date	<b>August 4, 2003</b>
		First Named Inventor	<b>Spaid</b>
		Art Unit	
Examiner Name			
Sheet		of	Attorney Docket Number <b>100/15901</b>

AY				
AZ				

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	BA	Taylor, Sir Geoffrey, F.R.S., Dispersion of soluble matter in solvent flowing slowly through a tube, Proc. Roy. Soc. (London) 219A:186-203 (1953)	
	BB	Taylor, Sir Geoffrey, F.R.S., Conditions under which dispersion of a solute in a stream of solvent can be used to measure molecular diffusion, Proc. Roy. Soc. (London) A225:473-477 (1954)	
	BC	Aris, R., On the dispersion of a solute in a fluid flowing through a tube, Proc. Roy. Soc. (London) A235:67-77 (1956)	
	BD		
	BE		

Examiner Signature		Date Considered	
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